

REMARKS

In this paper, claims 38 and 57 are currently amended. After entry of the above amendment, claims 38-62 are pending, and claims 1-37 are canceled.

Claims 38-48 and 57-62 were rejected under 35 U.S.C. §103(a) as being unpatentable over Turner (US 2002/0014366) in view of Nakabayashi, et al (JP 4-150729). This basis for rejection is respectfully traversed.

Independent claim 38 has been amended to add the step of causing a fluctuation of power supply voltage during simultaneous operation of the first bicycle electrical component and the second bicycle electrical component as a result of the capacitance of the first bicycle electrical component. Similarly, independent claim 57 has been amended to clarify that the operation of the first bicycle electrical component causes the communication of electrical signal noise toward the second bicycle electrical component.

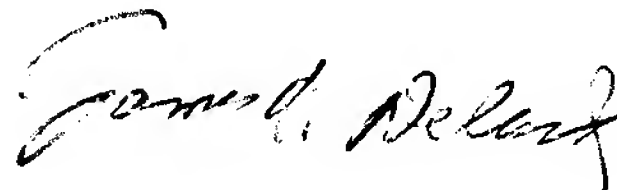
Turner discloses an electric bicycle that includes a main controller board (150) and stepper motors (166, 168). Turner neither discloses nor suggests causing a fluctuation of power supply voltage during simultaneous operation of stepper motors (166, 168) and main controller board (166, 168) as a result of the capacitance of stepper motors (166, 168). Also, it cannot be said that such voltage fluctuations are inherent, for the characteristics of battery (170) relative to the other components are unknown.

Nakabayashi, et al discloses a first power supply (7) and a second power supply (12, 13), wherein first power supply (7) powers a load (10) such as headlights or a radio, and second power supply (12, 13) powers a load (16) such as a heater. Nakabayashi, et al is not directed to a bicycle system and, in any event, neither discloses nor suggests causing the communication of electrical signal noise toward load (10) as a result of the operation of load (16). Also, it cannot be said that such noise generation is inherent, for the characteristics of the operation of heater (16) other than voltage variation are unknown.

Claims 49-56 were rejected under 35 U.S.C. §103(a) as being unpatentable over Turner and Nakabayashi, et al in view of Mitchell (US 6,355,990) and Winick, et al (US 2002-0135235). This basis for rejection is respectfully traversed for the reasons noted above.

Accordingly, it is believed that the rejections under 35 U.S.C. §103 have been overcome by the foregoing amendment and remarks, and it is submitted that the claims are in condition for allowance. Reconsideration of this application as amended is respectfully requested. Allowance of all claims is earnestly solicited.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "James A. Deland".

James A. Deland  
Reg. No. 31,242

DELAND LAW OFFICE  
P.O. Box 69  
Klamath River, California 96050  
(530) 465-2430